Effective October 1, 2000

CLAIMS AS FILED - PART I								SMALL ENTITY			OTHER THAN	
(Column 1)			n 1)	(Coli	Column 2) TYPE			OR	_			
TOTAL CLAIMS					Carry S	and the second		RATE	FEE	7	RATE	FEE
FOR			NUMBER	FILED	NUM	BER EXTRA		BASIC FEE	355.00	OR	BASIC FEE	710.00
TO	OTAL CHARGE	ABLE CLAIMS	mi	nus 20=				X\$ 9=		OR	XS18=	
INI	DEPENDENT C	LAIMS	m	inus 3 =				X40=		OR	X80=	
М	JLTIPLE DEPE	NDENT CLAIM F	PRESENT				lt	+135=		1		
• 11	the difference	e in column 1 is	less than z	ero, ente	r "0" in d	column 2	. L	TOTAL	<del> </del>	OR	L	
		V 4440 40	445455					TOTAL		OR		
	(	(Column 1)	AMENDE	PAH - C Colur)	-	(Column 3)		SMALL	ENTITY	OR	OTHER SMALL	
ENT A	THE PARTY NAMED IN COLUMN TO THE PARTY NAMED	CLAIMS REMAINING AFTER AMENDMENT		HIGH NUM PREVIO PAID	EST BER OUSLY	PRESENT		RATE	ADDI- TIONAL FEE		RATE	ADDI- TIONAL FEE
AMENDMENT	Total	. 7	Minus	21	7	= Ø_		X\$ 9=		OR	X\$18=	
AMEI	Independent	· (	Minus		3	= 0		X40=		OR	X80=	
L	FIRST PRESE	ENTATION OF M	ULTIPLE DE	PENDENT	CLAIM		1	+135=		OR	+270=	
	,						L	TOTAL			TOTAL	
					4.1			DOIT. FEE	L	000	ADDIT, FEE	
		(Column 1)	1 Sect - 12 de	(Colun		(Column 3)	1 ~-	<del>, , . , , , , , , , , , , , , ,</del>			·····	
AMENDMENT B	1580	REMAINING AFTER AMENDMENT	36 386°	NUMI PREVIO PAID I	BER OUSLY	PRESENT EXTRA		RATE	ADDI- TIONAL FEE		RATE	ADDI- TIONAL FEE
NDN	Total	<u> -</u>	Minus	••	<u> </u>	=		X\$ 9=		OR	X\$18=	
AME	Independent	<u> -</u>	Minus	***		=		X40=		OR	X80=	
	HRST PRESE	NTATION OF MI	JLTIPLE DEF	PENDENT	CLAIM		1	+135=		OR	+270≈	
							L	TOTAL			TOTAL	<del></del>
•							Αŧ	DIT. FEE		OR ,	ADDIT. FEE	
		(Column 1)		(Colun		(Column 3)						
ENT C	•	CLAIMS REMAINING AFTER AMENDMENT		HIGHI NUME PREVIO PAID F	BER JUSLY	PRESENT EXTRA		RATE	ADDI- TIONAL FEE		RATE	ADDI- TIONAL FEE
WQN	Total		Minus	••		=		X\$ 9=		OR	X\$18=	
AMENDMENT	Independent		Minus	***		=		X40=		·	X80=	
	FIRST PRESE	NTATION OF MI	JLTIPLE DEF	PENDENT	CLAIM		I  -			PO		
. 11	the entry in colu	mn 1 is less than th	ne entry in colu	mn 2, write	"0" in col	umn 3.	L	+135=		OR	+270= TOTAL	
!	the "Highest Nu the "Highest Nu	mber Previously Pa mber Previously Pa	aid For IN THIS aid For IN THI	S SPACE is S SPACE is	less that	n 20, enter "20." n 3, enter "3."	-	TOTAL DIT. FEE			ADDIT. FEE	
. 1	ne Highest Num	ber Previously Pai	o For (Total or	independe	nt) is the	nighest numbe	r found	in the app	xod etniqor	in col	umn 1.	

Application or Docket Number

# PATENT APPLICATION FEE DETERMINATION RECORD

_		Effect	tive Octob	er 1, 20	)01							<i>3</i>
CLAIMS AS FILED - PART I (Column 1) (Column 2)								LLE	NTITY	OR	OTHER SMALL	
TO	OTAL CLAIMS						,	TE.	FEE	7	RATE	FEE
FC	 OR		NUMBER FILED		NUMB	SER EXTRA		C FEE	<del> </del>	OB	BASIC FEE	
TC	OTAL CHARGEA	ABLE CLAIMS	<del> </del>	minus 20= 1		*		· · · ·	<del> </del>	1	V2.12	
-	DEPENDENT CI		<del> </del>	inus 3 =	*			9=	<del> </del>	OR	<b></b>	<b> </b>
<b> </b>		NDENT CLAIM PI	L	nus o =	L		X4	2=	ļ	OR	X84=	
		NDEINI OLAMI	TEOLIVI				+14	40=		OR	+280=	· ·
* If	the difference	e in column 1 is	less than ze	ero, enter	r "0" in c	column 2	TO	TAL		OR	TOTAL	,
•	С	LAIMS AS A	MENDEC	) - PAR	TII		•		h		OTHER	
<del></del>	the second of the second	(Column 1)		(Colur		(Column 3)	SM	ALL	ENTITY	OR	SMALL	<del>,</del>
四天	(e	REMAINING AFTER AMENDMENT		HIGH NUMI PREVIO PAID	BER OUSLY	PRESENT EXTRA	RA	TE	ADDI- TIONAL FEE		RATE	ADDI- TIONAL FEE
AMENDMEN	Total	* 7	Minus	** 2	7	Ē	X\$	9=		OR	X\$18≑	•
AME	Independent	<u> </u> *	Minus	***	3	=	X4	2≘~_		OR	X84=	
	FIRST PRESE	NTATION OF MU	JLTIPLE DEF	PENDENT	CLAIM		+14	n_		-	~+2 <u>8</u> 0=	
							L	U= OTAL		OR	+200≡ TOTAL	
							ADDIT			OR	ADDIT. FEE	
_		(Column 1) CLAIMS		(Colun		(Column 3)			4501	. ,	<del></del>	
AMENDMENT B		REMAINING AFTER AMENDMENT		NUME PREVIO PAID I	BER OUSLY	PRESENT EXTRA	RA	TE	ADDI- TIONAL FEE		RATE	ADDI- TIONAL FEE
Ž	Total	*	Minus	**		=	X\$	9=		OR	X\$18=	
AME	Independent	* NTATION OF MU	Minus	***	CI AIM	-	X4:	2=		OR	X84=	
ــــ	FINOT FREGE	NIATION OF MIC	THITCE OLI	CINDLIN	CLATIVI		+14	0=		OR	+280≈	
								OTAL		OR	TOTAL	
		(Column 1)		(Colum	nn 2)	(Column 3)	ADDIT.	ree		,	ADDIT. FEEL	
ပ		CLAIMS REMAINING		HIGH	EST			7	ADDI-	1		ADDI-
AMENDMENT (		AFTER AMENDMENT		PREVIO PAID I	DUSLY	PRESENT EXTRA	RAT	ΓE	TIONAL FEE		RATE	TIONAL FEE
NDN	Total	*	Minus	**		=	X\$	9≈		OR	X\$18=	
ME	Independent	*	Minus	***		=	X42	<u> </u>			X84=	
	FIRST PRESE	NTATION OF MU	JLTIPLE DEP	'ENDENT	CLAIM					OR		
• •	f the entry is solvy	ma 1 ia laga than th	a antorio actu	mn O umito	"O" in col	umn 2	+14			OR	+280≈	
**	lf the "Highest Nur	mn 1 is less than th mber Previously Pa	aid For" IN THIS	S SPACE is	s less than	n 20, enter "20."	ADDIT.	TAL FEE		OR ,	TOTAL ADDIT. FEE	
		mber Previously Pa					found in th	ne ann	ronriate box	in coli	umn 1	

FORM PTO-875 (Rev. 8/01)

Patent and Trademark Office, U.S. DEPARTMENT OF COMMERCE

\$TU S GPO 2001 482 124 / 59197

Effective January 1, 2003

Application or Docket Number

09/650604

CLAIMS AS FILED - PART I						9	SMALL EI	YTITY		OTHER	THAN	
			(Column	1)	(Colu	mn 2)		TYPE [		OR	SMALL	
TOTAL CLAIMS								RATE	FEE	1	RATE	FEE
FO	R		NUMBER I	FILED	NUMB	ER EXTRA		BASIC FEE	\$375	OR	BASIC FEE	\$750
то	TAL CHARGEA	BLE CLAIMS	9 min	us 20=	*			X\$ 9=		OR	X\$18=	
<b> </b>	EPENDENT CL			nus 3 =				X42=	\	OR	X84=	1
MU	LTIPLE DEPEN	DENT CLAIM PR	RESENT					+140=		OR	+280=	
* If	the difference	in column 1 is	less than ze	ero, enter	"0" in c	olumn 2		TOTAL		OR	TOTAL	
	$\cap$ C	LAIMS'AS A	MENDED	- PAR	F II						OTHER	
		(Column 1)		(Colun		(Column 3)	_	SMALL	ENTITY	OR	SMALL	ENTITY
ENT A		CLAIMS REMAINING AFTER AMENDMENT		HIGHI NUME PREVIO PAID I	BER JUSLY	PRESENT EXTRA		RATE	ADDI- TIONAL FEE		RATE	ADDI- TIONAL FEE
AMENDMENT	Total	<u>* 11</u>	Minus	** 2	<u>D</u>	=		X\$ 9=	\ .	OR	X\$18=	
AME	Independent	NTATION OF MI	Minus	*** PENDENT	CLAIM	=	11	X42=		OR	X84=	
نسا							1	+140=		<u>O</u> R	+280=	
								TOTAL ADDIT, FEE		OR	TOTAL ADDIT. FEE	
		(Column 1)		(Colun	nn 2)	(Column 3)		10011.1 661			ADDIII.,1 CE 1	•
ENT B		CLAIMS REMAINING AFTER AMENDMENT		HIGHI NUME PREVIC PAID I	EST BER OUSLY	PRESENT EXTRA		RATE	ADDI- TIONAL FEE		RATE	ADDI- TIONAL FEE
AMENDMENT	Total	*	Minus	**		=	]	X\$ 9=		OR	X\$18=	
ME	Independent	*	Minus	***		=`	] [	X42=		0.	X84=	
<u> </u>	FIRST PRESE	NTATION OF MU	JLTIPLE DEF	ENDENT	CLAIM		]			OR		
	•							+140=		OR	+280=	
	•			•			A	TOTAL ADDIT. FEE		OR	TOTAL ADDIT. FEE	
		(Column 1)		(Colun		(Column 3)	<u>_</u>					1
AMENDMENT C		CLAIMS REMAINING AFTER AMENDMENT		HIGHI NUME PREVIC PAID I	BER BUSLY	PRESENT EXTRA		RATE	ADDI- TIONAL FEE		RATE	ADDI- TIONAL FEE
NON	Total	*	Minus	**		=		X\$ 9=		OR	X\$18=	
\ME	Independent	*	Minus `	***		=	] [	X42=		OR	X84=	
Ľ	FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM									Un		
								+140=		OR	+280=	
**	* If the entry in column 1 is less than the entry in column 2, write "0" in column 3.  ** If the "Highest Number Previously Paid For" IN THIS SPACE is less than 20, enter "20."  ADDIT. FEE  OR  TOTAL ADDIT. FEE											
	***If the "High st Number Previously Paid For" IN THIS SPACE is less than 3, enter "3."  The "Highest Number Previously Paid For" (Total or Independent) is the highest number found in the appropriate box in column 1.											

Effective January 1, 2003

Application or Docket Number

09/650604

CLAIMS AS FILED - PART I (Column 1) (Column 2)							SMALL ENTITY OTHER THA					
<u> </u>	OTAL CLAIM	S.	Colum	nn 1)	(Co	umn 2)	l	TYPE			R SMALL	ENTITY
L		<del></del>	<del></del>					RATE	FEE	_	RATE	FEE
۴	OR		NUMBE	R FILED	NUM	BER EXTRA		BASIC FE	E \$37	01	BASIC FE	<b>\$</b> 750
1	OTAL CHARGE	ABLE CLAIMS	п	ninus 20=	*			X\$ 9=		OF	X\$18=	
	DEPENDENT (	e e sa para propere que de media de entra per entra		ninus 3 =	*			X42=	1	OF	X84=	
M	ULTIPLE DEPE	ENDENT CLAIM F	PRESENT	····				+140=		OF	+280=	1
* (	f the differenc	e in column 1 is	less than	zero, enter	"0" iņ	column 2	1	TOTAL	-	OF	TOTAL	<del> </del>
	(	CLAIMS AS	AMENDE	D - PART	T {				<del></del>		OTHER	THAN
_	1 9/04/03/03/03/04/03	(Column 1)	101-575-5745-585-5	(Colum		(Column 3)		SMALL	ENTITY	OR	SMALL	ENTITY
AMENDMENT		REMAINING AFTER AMENDMENT		NUMB PREVIO PAID F	ER USLY	PRESENT EXTRA		RATE	ADDI- TIONAI FEE	-	RATE	ADDI- TIONAL FEE
	Total	<u> </u>	Minus	* 27		=		X\$ 9=		OR	X\$18=	
AM	Independent	* 3 ENTATION OF M	Miņus	PENDENT	CLAIM	=		X42=		OR	X84=	
			oern ee be	. CHOCK	OD (III)			+140=		OR	+280=	
							A.	TOTAL DDIT. FEE	<u> </u>	OR	TOTAL ADDIT, FEF	
		(Column 1)		(Colum	n 2)	(Column 3)					,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	
THE PRICE D		CLAIMS REMAINING AFTER AMENDMENT		HIGHE NUMBI PREVIOU PAID F	ER JSLY	PRESENT EXTRA		RATE	ADDI- TIONAL FEE		RATE	ADDI- TIONAL FEE
	Total	*	Minus	**		=		X\$ 9=		OR	X\$18=	
	Independent	*	Minus	***		=,	1	X42=		OR	X84=	
	FIRST PRESE	NTATION OF MU	ILTIPLE DEI	PENDENT (	CLÁIM		+					
							L	+140= TOTAL		OR	+280=	
							ΑD	DIT. FEE		OR	TOTAL ADDIT. FEE	
_	and as something on the	(Column 1) CLAIMS	rter verste eine einer eine	(Column		(Column 3)						j
		REMAINING AFTER AMENDMENT		NUMBE PREVIOU PAID FO	R SLY	PRESENT EXTRA		RATE	ADDI- TIONAL FEE		RATE	ADDI- TIONAL FEE
	Total	•	Minus	**		=		X\$ 9=		OR	X\$18=	
	Independent	l	Minus	***		1		X42=		t	X84=	
1	FIRST PRESEI	NTATION OF MU	LTIPLE DEF	ENDENT C	LAIM		-			OR		
lf	the entry in colum	nn 1 is less than the	entry in colur	nn 2: write "0	" in calu	mn 3		140=.		OR	+280=	
* If	the "Highest Nun	nber Previously Paid nber Previously Paid	For" IN THIS	SPACE is le	ss than	20, enter "20."	ADE	TOTAL DIT: FEE		OR AI	TOTAL DDIT. F.E.E.	
T	ne 'Highest Numb	per Previously Paid	For" (Total or	Independent)	is the h	ighest number fo	ound	in the appro	opriate box	in colui	nn 1.	

Ann	lication	or Do	cket	Num	ber

Effective December 29, 1999

CLAIMS AS FILED - PART I						SMALL	ENTITY		OTHER	9	
	\D	<del></del>	Column 1)	<del></del>	mn 2)	TYPE		OR	SMALL		
				NUMBER	EXTHA	RATE	FEE		RATE	FEE	
ВА	SIC FEE				·		345.00	OR		690.00	
то	TAL CLAIMS	2	minus :	20= * /		X\$ 9=		OR	X\$18=	1260	
	EPENDENT CL		3 . minus	3 = *		X39=		OR	X78=		
MU	LTIPLE DEPEN	DENT CLAIM F	PRESENT			+130=		OR	+260=		
* If	the difference	in column 1 is	less than ze	ero, enter "0" in o	olumn 2	TOTAL		OR	TOTAL	816,W	
	C	LAIMS AS	AMENDE			014414		-	OTHER		
		(Column 1)		(Column 2) HIGHEST	(Column 3)	SMALL		OR •	SMALL		
AMENDMENT A		REMAINING AFTER AMENDMENT		NUMBER PREVIOUSLY PAID FOR	PRESENT EXTRA	RATE	ADDI- TIONAL FEE		RATE	ADDI- TIONAL FEE	
NON	Total	*	Minus	**	=	X\$ 9=		OR	X\$18=		
AME	Independent	*	Minus	***	=	X39=	,	OR	X78=		
	FIRST PRESE	NIATION OF N	IULTIPLE DEI	PENDENT CLAIM		+130=		OR	+260=		
						TOTAL			TOTAL		
	•	(Column 1)		(Column 0)	(Column 2)	ADDIT. FEE			ADDIT. FEE		
-		(Column 1) CLAIMS		(Column 2) HIGHEST	(Column 3)		ADDI-			ADDI-	
E'NT B		REMAINING AFTER AMENDMENT		NUMBER PREVIOUSLY PAID FOR	PRESENT EXTRA	RATE	TIONAL		RATE	TIONAL	
<b>AMENDMENT</b>	Total	*	Minus	**	=	X\$ 9=		OR	X\$18=		
A ME	Independent	*'	Minus	***	<u>                                     </u>	X39=		OR	X78=		
_	FIRST PRESE	NTATION OF N	IULTIPLE DE	PENDENT CLAIM		+130=	, ,		+260=		
						TOTAL		OR	TOTAL		
						ADDIT. FEE	*	OR	ADDIT. FEE		
		(Column 1)		(Column 2)	(Column 3)						
AMENDMENT C	·	CLAIMS REMAINING AFTER AMENDMENT		HIGHEST NUMBER PREVIOUSLY PAID FOR	PRESENT EXTRA	RATE	ADDI- TIONAL FEE		RATE	ADDI- TIONAL FEE	
NDW	Total	*	Minus	**	=	X\$ 9=		OR	X\$18=		
AME	Independent	*	Minus	***	=	X39=		OR	X78=		
	FIRST PRESE	NTATION OF N	IULTIPLE DE	PENDENT CLAIM							
١.,	f the entry in colu	mn 1 is less than	the entry in colu	ımn 2 write "∩" in co	lumn 3	+130=		OR	+260=		
***	* If the entry in column 1 is less than the entry in column 2, write "0" in column 3.  ** If the "Highest Number Previously Paid For" IN THIS SPACE is less than 20, enter "20."  ***If the "Highest Number Previously Paid For" IN THIS SPACE is less than 3, enter "3."  The "Highest Number Previously Paid For" (Total or Independent) is the highest number found in the appropriate box in column 1.										